

**RE: Revised exposure files**

**Hilbert, Timothy (hilbertj)** to: Benson.Bob, Christensen.Krista

02/12/2013 01:06 PM

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To:

Cc: "Borton, Eric (bortonek)" <BORTONEK@UCMAIL.UC.EDU>

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Hi Bob and Krista,

Attached is an updated table. We have made 2 small changes to the GM table. First, for 1977 the exposure value used to derive the CHEEQ was rounded at two decimal places in the Feb 7 datafile. It is now carried out further. The other was a multiplier that was inadvertently left in the formula for Spring work in packaging and warehouse. This has been removed.

See if this resolves the issues you discovered and please let us know if you identify other concerns.

Thanks

Tim Hilbert

UC

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**From:** Benson.Bob@epamail.epa.gov [mailto:Benson.Bob@epamail.epa.gov]

**Sent:** Tuesday, February 12, 2013 11:00 AM

**To:** Hilbert, Timothy (hilbertj)

**Cc:** Berry.David@epamail.epa.gov

**Subject:** Fw: Revised exposure files

Tim,

See message from Krista below. Bill is on vacation. Can you and Eric provide an explanation for these discrepancies?

Let me know if you need the files Krista deleted.

----- Forwarded by Bob Benson/R8/USEPA/US on 02/12/2013 08:57 AM -----

From: Krista Christensen/DC/USEPA/US

To: Bob Benson/R8/USEPA/US@EPA,

Cc: [brattin@srcinc.com](mailto:brattin@srcinc.com), David Berry/R8/USEPA/US@EPA, Leonid Kopylev/DC/USEPA/US@EPA, Thomas Bateson/DC/USEPA/US@EPA

Date: 02/11/2013 09:03 AM

Subject: Re: Fw: Revised exposure files

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Hi Bob-

thanks for sending the revised files, I had a couple of questions. I'm using the sheets labeled 'AM-based exposure values' and 'GM-based exposure values' and comparing between the files you sent Feb 7, and those sent Dec 26. There are discrepancies in the data from 1972 and later for the GM-based estimates. For example, ID 10093 had a value of 0.00425 f/cc in spring of 1977 in the Dec 26 datafile, but a value of 0.01724 in the Feb 7 datafile, and ID 13200 had GM-based value of 0.0062092 (Dec 26) and 0.009314 (Feb 7) for spring of 1973. Actually, most of the discrepancies appear for the spring seasons, although there are

some cases of mismatch for summer and fall, too. Do you know what the source of the difference might be? I didn't see any discrepancies for the 1972+ AM-based estimates.

Krista

▼ Bob Benson---02/07/2013 04:13:40 PM---Here are the new tables with the change in LA/SC ratio based on the corrected IH data. ----- Forward

From: Bob Benson/R8/USEPA/US  
To: Thomas Bateson/DC/USEPA/US@EPA, Krista Christensen/DC/USEPA/US@EPA, Leonid Kopylev/DC/USEPA/US@EPA  
Cc: [brattin@srcinc.com](mailto:brattin@srcinc.com), David Berry/R8/USEPA/US@EPA  
Date: 02/07/2013 04:13 PM  
Subject: Fw: Revised exposure files

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Here are the new tables with the change in LA/SC ratio based on the corrected IH data.

----- Forwarded by Bob Benson/R8/USEPA/US on 02/07/2013 02:08 PM -----

From: "Brattin, Bill" <[brattin@srcinc.com](mailto:brattin@srcinc.com)>  
To: Bob Benson/R8/USEPA/US@EPA,  
Cc: David Berry/R8/USEPA/US@EPA  
Date: 02/07/2013 01:32 PM  
Subject: Revised exposure files

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Here are revised exposure files that can be sent to NCEA.

These reflect the change in the LA/SC ration for 10: 1 to 8.7:1.

As expected, changes only occur for exposures prior to 1972, and changes are relatively small.

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[attachment "winmail.dat" deleted by Krista Christensen/DC/USEPA/US] [attachment "AM Data for Fitting NCEA Copy v2.xlsx" deleted by Krista Christensen/DC/USEPA/US] [attachment "NEW GM Data for Fitting NCEA copy v2.xlsx" deleted by Krista Christensen/DC/USEPA/US]



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